

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

NMRAL1, 1-299 aa, Human, His tag, E.coli

产品货号: TP03178

第三版

别名:NmrA-like family domain containing 1, HSCARG, SDR48A1

描述:NMRAL1 is a redox sensor protein that undergoes restructuring and subcellular redistribution in response to changes in intracellular NADPH/NADP⁺ levels. At low NADPH concentrations the protein is found mainly as a monomer, and binds argininosuccinate synthase (ASS1), the enzyme involved in nitric oxide synthesis. Association with ASS1 impairs its activity and reduces the production of nitric oxide, which subsequently prevents apoptosis.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.15M NaCl

分子量:35.9kDa(323aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMVDKLVVVFVGGTGAQGGSVARTLLEDGTFKVRVVTRNPRKKA AKELRLQGA
E VVQGDQDDQVIMELALNGAYATFIVTNYWESCSQEQEVKQGKLLADLARRLGLHYVVYSGLENIKKLTAGRLAAAHF
DGKGEVEEYFRDIGVPMTSVRLPCYFENLLSHFLPQKAPDGKSYLLSLPTGDVPMDGMSVSDLGPVLSLLKMPEKYVGGQ
NIGLSTCRHTAE EYAALLTKHTRKVVDHAKMTPEDYEKLGFPGARDLANMFRFYALRPDRDIELTLRLNPKALTLDQWLE
QHKGDFNLL

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.